

INSTALLATION ENGINEERING DATADate form completed 8/22/69Tentative ☐ Valid until 10/15/69Final data ☒

I. INSTRUMENT

A. Name of instrument: Twin-Stage, On-Line PI Comparator
 B. Manufacturer: STAT
 C. Contract number: Control #02228
 D. Delivery date: Tentative: _____ Final: 9/29/69

II. PHYSICAL FEATURES

A. Sub-assemblies:
 1. Number of sub-assemblies: Two (2)
 2. Largest sub-assembly: Weight 950 lbs; 48 " H x 48 " W x 34 " D
 3. Heaviest sub-assembly: Weight 950 lbs; 48 " H x 48 " W x 34 " D

B. Assembled instrument:
 1. Number of major components: Three (3)
 2. Largest component: Weight 450 lbs; 29 " H x 48 " W x 34 " D
 3. Heaviest component: Weight 450 lbs; 29 " H x 48 " W x 34 " D
 4. Total floor space required after assembly, including maintenance access space. 4 Ft. 6 In. High x 9 Ft. 0 In. Wide x 7 Ft. 0 In. Deep.
 5. Total weight of assembled instrument: 1200 lbs.

C. Type of base of mount: Flat _____; 3-point suspension _____; 4-point suspension X

D. Does the instrument have built-in mobility? Yes X No _____

E. Is the instrument particularly sensitive to vibration? Yes X No _____
 Will the instrument generate vibration? Yes _____ No X

F. Are any special or unusual tools or fixtures necessary or adviseable for the installation of the maintenance of this instrument? Yes _____ No X.
 If "Yes," please describe: _____

III. UTILITIES

A. Electrical:

1. Voltage	<u>115</u> Volts $\frac{AC}{\pm 10}$ Volts	<u> </u> Volts $\frac{DC}{\pm 10}$ Volts
2. Current	<u>5</u> Amps/phase	<u> </u> Amps
3. Frequency	<u>60</u> cps	
4. Nr. of phases	<u>1</u> Ph	
5. Nr. of wires	<u>2</u> w/ground	
6. Power required	<u>575</u> Watts	<u> </u> Watts
7. Power factor	<u>N/A</u> (Leading) (Lagging)	
8. Type of outlet:	Two prong _____; three prong <u>X</u> ; Twist lock _____; Perm. _____	
9. Type of ground:	Building conduit <u>X</u> ; Direct earth ground _____	
10. Should the instrument be shielded, either from external electromagnetic signals or to prevent interference with other equipment?	Yes _____ No <u>X</u>	

If "Yes," to what extent? _____

Declass Review by NGA

UTILITIES NOTES

Item B

A Class 100 clean room is recommended as a desired environment for the instrument.

Item F

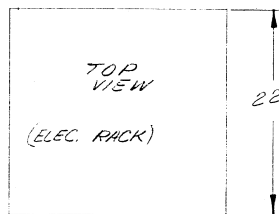
Instrument on line to central computer. (See customer's specification for description of connections.) Instrument to computer cable will terminate at Amphenol #126-127 plug furnished by customer.

Information provided by

STAT

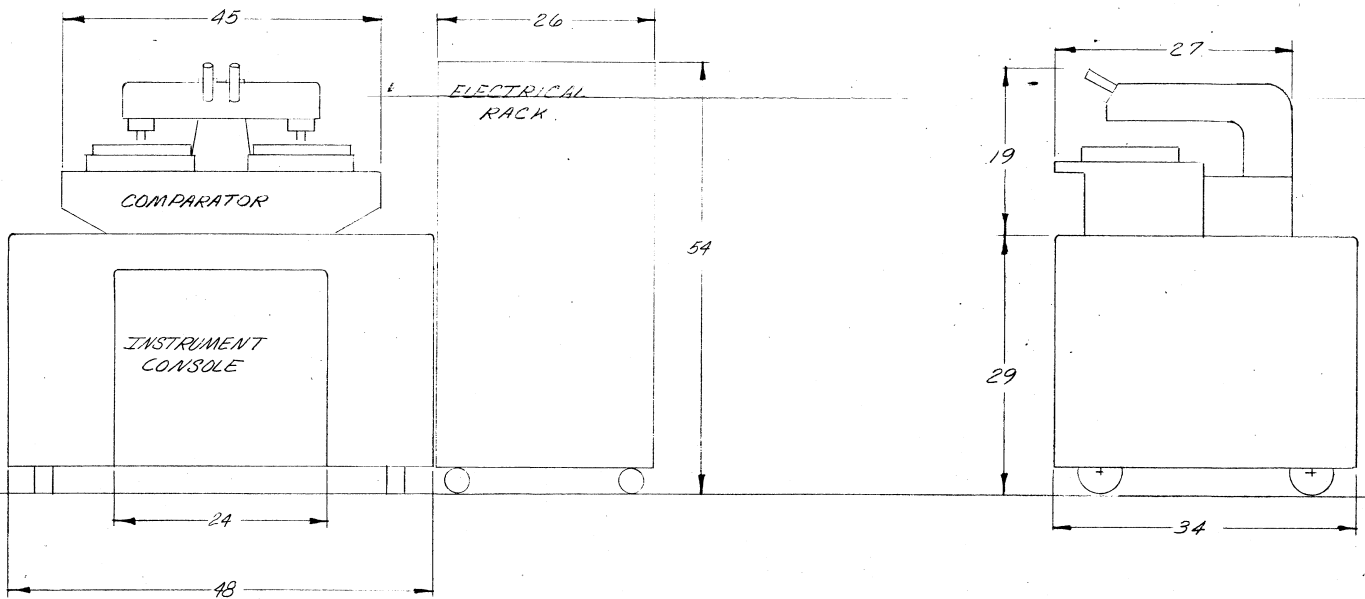
Position
Assistant Manager, Engineering

SYM. WAS. BY. DATE

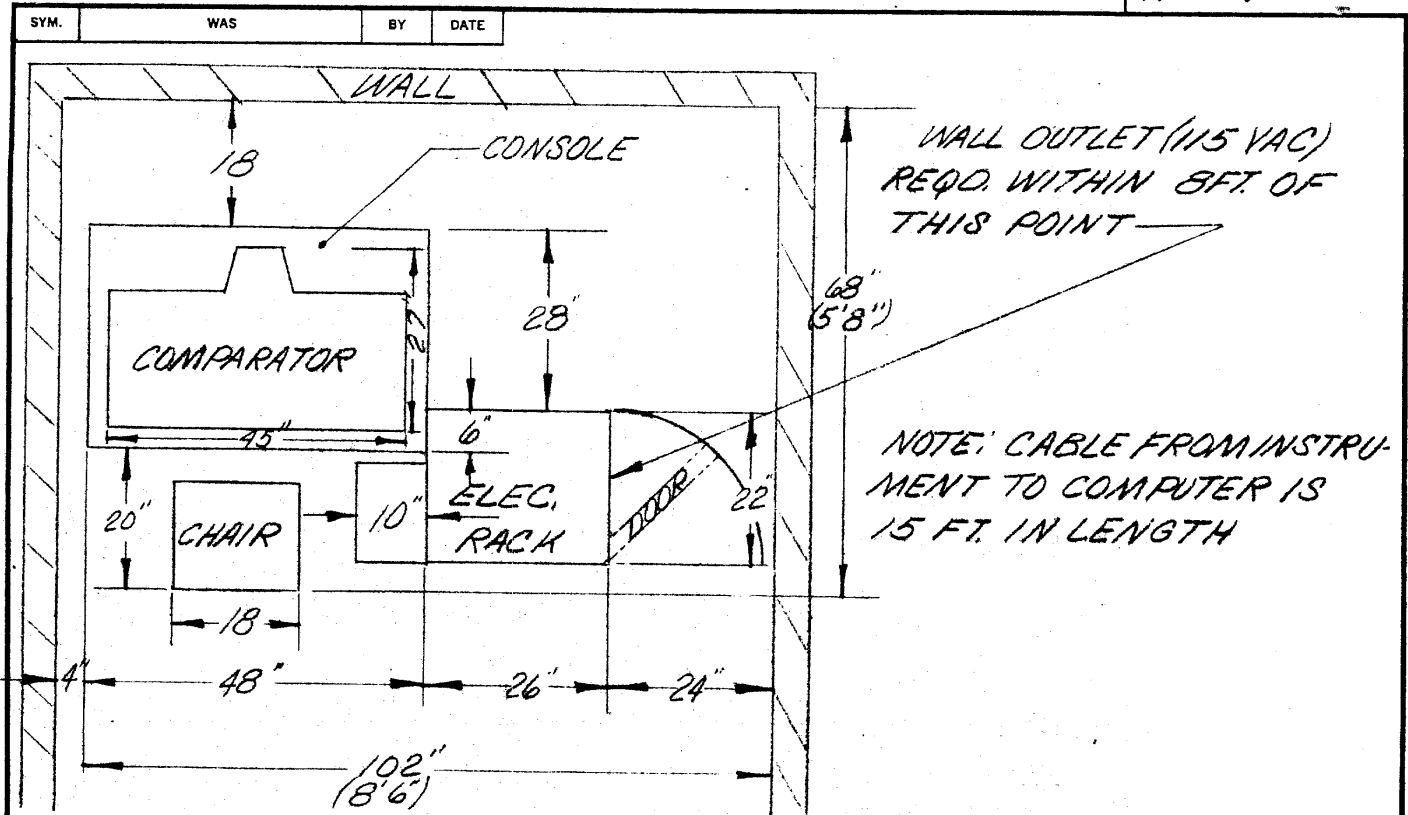


ESTIMATED WEIGHT IN POUNDS	
COMPARATOR	400
INSTR. CONSOLE	450
ELEC. RACK	350

COMPLETED ASSEMBLY = 1200 POUNDS



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